



Tarbiat Modares
University

Tarbiat Modares University
Pure Mathematics Seminar

Finite dimensional approximation properties for C^* -algebras and traces

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I begin with a brief review of the stability of several finite-dimensional approximation properties for C^* -algebras under Morita equivalence. Then I show that other related important properties of C^* -algebras like the LLP, the WEP and the QWEP are also preserved by Morita equivalence. Then I give an introduction to some approximation properties for traces on C^* -algebras and explain how approximation properties for traces can play important role in the classification problem of C^* -algebras. Finally I address some related problems on my work.

Location: Seminar Room 3401, Math Building

Time: 10:30–11:30 Tuesday

April 26th 2016 (Ordibehesht 7th 1395)